

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	333	((determin\$5 calculat\$5) near3 (capacity or space)) with (defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt (error near2 manufactur\$5))	US-PGPUB; USPAT	OR	ON	2008/05/07 10:53
L2	30	L1 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/05/07 10:53
L3	1	10/786617	US-PGPUB; USPAT	OR	ON	2008/05/07 10:54
L4	466	(369/53.19).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/05/07 10:55
L5	1215	(369/44.32).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/05/07 10:55
L6	77	(369/53.13).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/05/07 10:55
L7	426	(369/53.15).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/05/07 10:55
L8	457	(369/47.14).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/05/07 10:55
L9	2113	L4 L5 L6 L7 L8	US-PGPUB; USPAT	OR	ON	2008/05/07 10:55
L10	14798	((determin\$5 or calculat\$5) and limit\$5) with (capacity)	US-PGPUB; USPAT	OR	ON	2008/05/07 10:55
L11	10	L9 and L10	US-PGPUB; USPAT	OR	ON	2008/05/07 10:55
L13	1	10/786617	US-PGPUB; USPAT	OR	ON	2008/05/07 10:57
L14	3250	(limit\$3 or control\$5 or restrict\$5) with (record\$5 near3 capacity)	US-PGPUB; USPAT	OR	ON	2008/05/07 11:00
L15	50	L9 AND L14	US-PGPUB; USPAT	OR	ON	2008/05/07 11:00
L16	1	"20010046195"	US-PGPUB; USPAT	OR	ON	2008/05/07 11:01
L17	1004	((storage or capacity) near3 (tilt wobble eccentricity (rate near2 prepit)))	US-PGPUB; USPAT	OR	ON	2008/05/07 11:03
L18	60	9 and 17	US-PGPUB; USPAT	OR	ON	2008/05/07 11:03
L19	13	"6204660"	US-PGPUB; USPAT	OR	ON	2008/05/07 11:04

L20	0	((defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt (error near2 manufactur \$5)) and (record\$4 or writ \$4) and (external or host or PC or server) and (capacity or storage or size) and (compar\$4 or subtract) and (FES or (focus\$4 near2 (error or signal))) and (tilt\$4 or angle or inclin\$5 or soew \$4)).dm.	US-PGPUB; USPAT	OR	ON	2008/05/07 12:17
L21	159	(369/53.14).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/07 12:38
L22	14	17 and 21	US-PGPUB; USPAT; USOCR; FPHS; EPO; JPC; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:39
L23	0	((defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt (error near2 manufactur \$5)) and (record\$4 or writ \$4) and (external or host or PC or server) and (capacity or storage or size) and (compar\$4 or subtract) and (FES or (focus\$4 near2 (error or signal))) and (tilt\$4 or angle or inclin\$5 or soew \$4)).dm.	US-PGPUB	OR	ON	2008/05/07 12:41
S1	1	10/786617	US-PGPUB; USPAT	OR	ON	2006/10/18 15:00
S2	7402	((calculat\$3 or determin \$3) with (disc or disk or medium)) with (capacity or space)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:14
S3	295	S2 same (defect\$3 or imperfection\$3 or manufactur\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 15:03
S4	86	S3 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/18 15:03
S5	5	((((calculat\$3 or determin \$3) with (disc or disk or medium)) with (capacity or space)).ti.	US-PGPUB; USPAT	OR	ON	2006/10/18 16:19
S6	2	"calculate disc capacity"	US-PGPUB; USPAT	OR	ON	2006/10/18 16:20

S7	235623	(disc disk medium DVD CD) near2 (capacity storage)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:21
S8	27661	(disc disk medium DVD CD) near2 (capacity)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:21
S9	4272	S8 same (calculat\$3 determin\$5 or detect\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:22
S10	869	S9 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/18 16:22
S11	1793	S8 with (calculat\$3 determin\$5 or detect\$3)	US-PGPUB; USPAT	OR	ON	2006/10/18 16:22
S12	869	S9 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/18 16:22
S13	325	S11 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/18 16:22
S14	0	S13 and (tilt and wobble and eccentricity)	US-PGPUB; USPAT	OR	ON	2006/10/23 14:01
S15	105	S13 and (tilt wobble eccentricity (read adj2 rate))	US-PGPUB; USPAT	OR	ON	2006/10/18 16:24
S16	356	(369/47.14).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/19 12:56
S17	27716	(disc disk medium DVD CD) near2 (capacity)	US-PGPUB; USPAT	OR	ON	2006/10/19 12:56
S18	1795	S17 with (calculat\$3 determin\$5 or detect\$3)	US-PGPUB; USPAT	OR	ON	2006/10/19 12:56
S19	27	S16 and S18	US-PGPUB; USPAT	OR	ON	2006/10/19 12:56
S20	3	("5829017"   "6182240"   "6301220").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 13:22
S21	16507	((manufactur\$3 defect\$3 imperfection3 scratch wobble tilt (rate near2 prepts) (eccentricity or run-out)) with ((disc or disk or medium or storage) near3 (capacity or space or storage))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 10:07
S22	1718	((manufactur\$3 defect\$3 imperfection3 scratch wobble tilt (rate near2 prepts) (eccentricity or run-out)) with ((disc or disk or medium) near3 (capacity or space))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 10:09
S23	387	(369/53.19).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/19 13:28
S24	1034	(369/44.32).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/19 13:29

S25	72	(369/53.13).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/19 13:29
S26	346	(369/53.15).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/19 13:30
S27	356	(369/47.14).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/19 13:30
S28	1759	S23 S24 S25 S26 S27	US-PGPUB; USPAT	OR	ON	2006/10/19 13:30
S29	3256	S22 S28	US-PGPUB; USPAT	OR	ON	2006/10/19 13:30
S30	114	S22 and S28	US-PGPUB; USPAT	OR	ON	2006/10/19 14:43
S31	161677	((determin\$3 or calculat\$3 or detect\$3) near4 (capacity or storage or space))	US-PGPUB; USPAT	OR	ON	2006/10/19 14:45
S32	2307	((determin\$3 or calculat\$3 or detect\$3) near4 ((disc or disk) near2 (capacity or storage or space)))	US-PGPUB; USPAT	OR	ON	2006/10/23 16:10
S33	53	S28 and S32	US-PGPUB; USPAT	OR	ON	2006/10/19 14:53
S34	1323	((limit\$3) near5 ((disk or disc) near2 (capacity or space)))	US-PGPUB; USPAT	OR	ON	2006/10/19 15:17
S35	107	S34 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/19 14:56
S36	1	S28 and S34	US-PGPUB; USPAT	OR	ON	2006/10/19 14:55
S37	18	S35 and (tilt wobble eccentricity (rate near2 prepit))	US-PGPUB; USPAT	OR	ON	2006/10/19 15:00
S38	46	S34 same (defect or imperfection or manufactur\$3)	US-PGPUB; USPAT	OR	ON	2006/10/19 15:18
S39	1	S28 and S38	US-PGPUB; USPAT	OR	ON	2006/10/19 15:18
S40	478	recordable near2 capacity	US-PGPUB; USPAT	OR	ON	2006/10/23 09:26
S41	387	(369/53.19).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/23 09:26
S42	1034	(369/44.32).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/23 09:26
S43	72	(369/53.13).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/23 09:26
S44	346	(369/53.15).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/23 09:26
S45	356	(369/47.14).CCLS	US-PGPUB; USPAT	OR	OFF	2006/10/23 09:26

S46	1759	S41 S42 S43 S44 S45	US-PGPUB; USPAT	OR	ON	2006/10/23 09:26
S47	10	S40 and S46	US-PGPUB; USPAT	OR	ON	2006/10/23 09:26
S48	2	("5854777"). URPN.	USPAT	OR	ON	2006/10/23 09:49
S49	88	((disc or disk or medium) near2 (imperfection or defect)) with (capacity or space)	USPAT	OR	ON	2006/10/23 09:50
S50	15	S46 and S49	USPAT	OR	ON	2006/10/23 09:57
S51	3257	(manag\$5 monitor\$5 determin\$5 calculat\$5) with (record\$5 near2 (capacity or room or storage or space))	USPAT	OR	ON	2006/10/23 10:04
S52	445	S51 and "369".clas.	USPAT	OR	ON	2006/10/23 10:04
S53	26	S46 and S51	USPAT	OR	ON	2006/10/23 12:15
S54	1885	((disc or disk or medium) near3 (capacity or space)) with (determin\$5 or calculat\$5)	USPAT	OR	ON	2006/10/23 12:18
S55	31	S46 and S54	USPAT	OR	ON	2006/10/23 12:32
S56	2063	record\$5 and capacity and (defect or imperfection or manufactur\$3 or wobble or eccentricity).ti.	USPAT	OR	ON	2006/10/23 12:36
S57	1	(record\$5 and capacity and (defect or imperfection or manufactur\$3 or wobble or eccentricity)).ti.	US-PGPUB; USPAT	OR	ON	2006/10/23 12:36
S58	3511	(record\$5 same capacity same (defect or imperfection or manufactur\$3 or wobble or eccentricity))	US-PGPUB; USPAT	OR	ON	2006/10/23 12:37
S59	145	S46 and S58	US-PGPUB; USPAT	OR	ON	2006/10/23 12:36
S60	1220	(record\$5 near3 capacity) same (defect or imperfection or manufactur\$3 or wobble or eccentricity)	US-PGPUB; USPAT	OR	ON	2006/10/23 12:37
S61	103	S46 and S60	US-PGPUB; USPAT	OR	ON	2006/10/23 12:39

S62	2613	(limit\$3 or control\$5 or restrict\$5) with (record\$5 near3 capacity)	US-PGPUB; USPAT	OR	ON	2006/10/23 12:41
S63	34	S46 AND S62	US-PGPUB; USPAT	OR	ON	2006/10/23 12:56
S64	11	(manufactur\$3 near2 error) same (record\$4 near3 capacity)	US-PGPUB; USPAT	OR	ON	2006/10/23 13:25
S65	504	limitat\$5 with (record\$5 and capacit\$4)	US-PGPUB; USPAT	OR	ON	2006/10/23 13:27
S66	8	S46 and S65	US-PGPUB; USPAT	OR	ON	2006/10/23 13:31
S67	690	((disc or disk or manufactur\$3) near2 (error or defect)) same (capacity)	US-PGPUB; USPAT	OR	ON	2006/10/23 13:33
S68	64	S46 and S67	US-PGPUB; USPAT	OR	ON	2006/10/23 13:33
S69	1	((disc or disk or medium) near2 defect) with (decreas\$3 near2 capacity)	US-PGPUB; USPAT	OR	ON	2006/10/23 14:08
S70	12023	((determin\$5 or calculat\$5) and limit\$5) with (capacity)	US-PGPUB; USPAT	OR	ON	2006/10/23 14:11
S71	8	S46 and S70	US-PGPUB; USPAT	OR	ON	2006/10/23 14:17
S72	324	(wobbl\$3 or tilt\$3 or (read near2 prepts) or eccentricity) with (disc and capacity)	US-PGPUB; USPAT	OR	ON	2006/10/23 14:21
S73	179	S72 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/23 14:20
S74	34	S46 and S72	US-PGPUB; USPAT	OR	ON	2006/10/23 15:14
S75	268	((determin\$5 calculat\$5) near3 (capacity or space)) with (defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt)	US-PGPUB; USPAT	OR	ON	2006/10/23 15:20
S76	22	S75 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/23 15:19
S77	1649	((determin\$5 calculat\$5) near3 (capacity or space)) with (defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt error manufactur\$5)	US-PGPUB; USPAT	OR	ON	2006/10/23 15:40

S78	269	((determin\$5 calculat\$5) near3 (capacity or space)) with (defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt (error near2 manufactur\$5))	US-PGPUB; USPAT	OR	ON	2006/10/23 15:24
S79	22	S78 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/23 15:24
S80	2187	((determin\$5 calculat\$5) near3 (efficiency or capacity or space)) with (defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt error manufactur\$5)	US-PGPUB; USPAT	OR	ON	2006/10/23 16:12
S81	1034	S46 and S42	US-PGPUB; USPAT	OR	ON	2006/10/23 15:40
S82	18	S46 and S80	US-PGPUB; USPAT	OR	ON	2006/10/23 15:51
S83	984	((disc or disk or manufactur\$3) near2 (error or imperfection)) with (capacity or efficiency or size or space)	US-PGPUB; USPAT	OR	ON	2006/10/23 15:53
S84	8	S46 and S83	US-PGPUB; USPAT	OR	ON	2006/10/23 15:54
S85	105	S83 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/23 16:07
S86	1	((disc or disk or medium) near10 (measur\$3 near2 capacity)) with (defect or imperfection or wobbl\$3 or tilt or eccentricity)	US-PGPUB; USPAT	OR	ON	2006/10/23 16:09
S87	2605	(determin\$3 or calculat\$3 or detect\$3 or measur\$3) near4 ((disc or disk) near2 (capacity or storage or space))	US-PGPUB; USPAT	OR	ON	2006/10/23 16:10
S88	18	S46 and S80	US-PGPUB; USPAT	OR	ON	2006/10/23 16:11
S89	3507	((determin\$5 calculat\$5 measur\$5) near3 (efficiency or capacity or space)) with (defect\$5 imperfect\$5 wobbl\$5 eccentricity tilt error manufactur\$5)	US-PGPUB; USPAT	OR	ON	2006/10/23 16:12
S90	18	S46 and S89	US-PGPUB; USPAT	OR	ON	2006/10/23 16:13
S91	0	S88 not S90	US-PGPUB; USPAT	OR	ON	2006/10/23 16:13

S92	21015	((detect\$5 or calculat\$5 or measur\$5) SAME ((disc or disk or medium) near3 (space or capacity or memory or space))	US-PGPUB; USPAT	OR	ON	2006/10/24 08:29
S93	2222	S92 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/10/24 08:29
S94	387	((369/53.19).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/24 08:29
S95	1036	((369/44.32).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/24 08:29
S96	72	((369/53.13).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/24 08:29
S97	346	((369/53.15).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/24 08:29
S98	356	((369/47.14).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/10/24 08:29
S99	1761	S94 S95 S96 S97 S98	US-PGPUB; USPAT	OR	ON	2006/10/24 08:29
S100	192	S92 and S99	US-PGPUB; USPAT	OR	ON	2006/10/24 08:29
S101	1520	S92 and (tilt or wobble or eccentricity)	US-PGPUB; USPAT	OR	ON	2006/10/24 08:30
S102	80	S100 and (tilt or wobble or eccentricity)	US-PGPUB; USPAT	OR	ON	2006/10/24 08:32
S103	33119	((lower reduc\$3 limit\$3) with ((disc or disk or medium) near2 (capacity or storage))	US-PGPUB; USPAT	OR	ON	2006/10/24 08:34
S104	83	S99 and S103	US-PGPUB; USPAT	OR	ON	2006/10/24 08:40
S105	1	2000-293850	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 08:50
S106	30	((CD DVD disc disk medium) near3 (defect imperfection scratch wobble tilt eccentricity)) near10 ((lower reduce lessen) near3 (capacity or storage or memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 08:56
S107	98	((CD DVD disc disk medium) near10 (defect imperfection)) same ((lower reduce lessen) near3 (capacity or storage or memory))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 12:39



S108	57	((tilt same wobble\$3 same eccentricity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/24 14:08
S109	1	("4866688").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/24 14:08
S110	38	yamazaki-mitsuo.in.	US-PGPUB; USPAT	OR	ON	2006/10/25 08:28
S111	1	("6285844").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/23 10:07
S112	2	((((manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near\$2 prepts) (eccentricity or run-out)) near\$2 error) with ((disc or disk or medium) near\$3 (capacity or storage or space))) same ((limit\$3 or inhibit \$3 or stop\$4 or abort\$4) near\$3 (writ\$3 or record\$3 or stor\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 10:13
S113	2	((((manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near\$2 prepts) (eccentricity or run-out)) near\$2 error) with ((disc or disk or medium) near\$3 (capacity or storage or space))) same (((limit\$3 or inhibit \$3 or stop\$4 or abort\$4) near\$3 (writ\$3 or record\$3 or stor\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 10:14
S114	15	((((manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near\$2 prepts) (eccentricity or run-out)) near\$10 error) same ((disc or disk or medium) near\$3 (capacity or storage or space)) same (((limit\$3 or inhibit \$3 or stop\$4 or abort\$4) near\$3 (writ\$3 or record\$3 or stor\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 12:11

S115	1	((determin\$5 or calculat\$4 or indicat\$4) near5 ((record\$3 or stor\$4 or writ\$3 or user) near2 (capacity or space))) with ((manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near2 preprints) (eccentricity or run-out)) near10 error)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 10:40
S116	8	((determin\$5 or calculat\$4 or indicat\$4) near5 ((record\$3 or stor\$4 or writ\$3 or user) near2 (capacity or space))) same ((manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near2 preprints) (eccentricity or run-out)) near10 error)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 22:08
S117	405	((determin\$5 or calculat\$4 or indicat\$4) near5 ((record\$3 or stor\$4 or writ\$3 or user) near2 (capacity or space))) same (manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near2 preprints) (eccentricity or run-out))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 10:44
S118	413	(369/53.19).COLS.	US-PGPUB; USPAT	OR	OFF	2007/05/23 10:45
S119	1097	(369/44.32).COLS.	US-PGPUB; USPAT	OR	OFF	2007/05/23 10:45
S120	73	(369/53.13).COLS.	US-PGPUB; USPAT	OR	OFF	2007/05/23 10:45
S121	370	(369/53.15).COLS.	US-PGPUB; USPAT	OR	OFF	2007/05/23 10:45
S122	380	(369/47.14).COLS.	US-PGPUB; USPAT	OR	OFF	2007/05/23 10:45
S123	1869	S118 S119 S120 S121 S122	US-PGPUB; USPAT	OR	ON	2007/05/23 10:46
S124	16	S117 and S123	US-PGPUB; USPAT	OR	ON	2007/05/23 10:51
S125	51	S117 and ("369" or "714").clas.	US-PGPUB; USPAT	OR	ON	2007/05/23 10:51
S126	1	("6538692").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/23 12:15
S127	1	("6204660").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/23 12:57

S128	100	((record\$3 or writ\$3) near5 ((data or information) near2 (session or block or sector))) with ((remain \$3) near5 (capacity or storage or space))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 13:01
S129	9	S128 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 13:00
S130	0	(prohibit\$3 or limit\$3 or stop\$4 or abort\$3) with ((record\$3 or writ\$3) near5 ((data or information) near2 (session or block or sector))) with ((remain \$3) near5 (capacity or storage or space))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 13:04
S131	1	(prohibit\$3 or limit\$3 or stop\$4 or abort\$3) same ((record\$3 or writ\$3) near5 ((data or information) near2 (session or block or sector))) with ((remain \$3) near5 (capacity or storage or space))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 13:04
S132	1	("7130256").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/24 12:17
S133	1	("6914866").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/24 12:17
S134	10	((determin\$5 or calculat \$4 or indicat\$4 or estimat \$3 or acquir\$3) near5 ((record\$3 or stor\$4 or writ\$3 or user) near2 (capacity or space))) with (tilt\$3 or inclin\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 22:16
S135	1	10/933399	US-PGPUB; USPAT	OR	ON	2007/11/13 09:09
S136	9184	((disc or disk or storage or user or data) near10 (capacity or space or amount)) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 09:13

S137	4855	((disc or disk or storage or user or data) near3 (capacity or space or amount)) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 09:16
S138	437	(369/53.19).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/13 09:14
S139	1155	(369/44.32).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/13 09:14
S140	77	(369/53.13).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/13 09:14
S141	397	(369/53.15).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/13 09:14
S142	410	(369/47.14).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/13 09:14
S143	1977	S138 S139 S140 S141 S142	US-PGPUB; USPAT	OR	ON	2007/11/13 09:16
S144	168	S137 and S143	US-PGPUB; USPAT	OR	ON	2007/11/13 09:16
S145	778	((detect\$4 or estimat\$4 or determin\$5 or calculat \$5 or receiv\$5) near5 ( (disc or disk or storage or user or data) near3 (capacity or space or amount))) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 09:19
S146	778	((detect\$4 or estimat\$4 or determin\$5 or calculat \$5 or receiv\$5) near5 ((disc or disk or storage or user or data) near3 (capacity or space or amount))) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 09:25
S147	102	S143 and S146	US-PGPUB; USPAT	OR	ON	2007/11/13 09:24
S148	717	((detect\$4 or estimat\$4 or determin\$5 or calculat \$5 or receiv\$5) near3 ((record\$4 or disc or disk or storage or user or data) near3 (capacity or space or amount))) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 09:26
S149	3982	((record\$4 or disc or user or storage or disk) near3 (capacity or amount or space)) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 09:29

S150	196	((determin\$4 or calculat\$4 or receiv\$4 or estimat\$4) near3 ((record\$4 or disc or user or storage or disk) near3 (capacity or amount or space))) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2007/11/13 10:11
S151	37	S143 and S150	US-PGPUB; USPAT	OR	ON	2007/11/13 09:30
S152	1	("4866688").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/13 10:11
S153	1	("20030021201").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/13 11:52
S154	1	("20040010745").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/13 11:55
S155	1	("20040022150").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/13 11:55
S156	1	("20030067856").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/14 11:39
S157	214	((determin\$4 or calculat\$4 or receiv\$4 or estimat\$4) near3 ((record\$4 or disc or user or storage or disk) near3 (capacity or amount or space))) with (tilt\$4 or inclin\$5 or angle)	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S158	9621	((calculat\$3 or determin\$3) with (disc or disk or medium)) with (capacity or space)	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S159	360	S158 same (defect\$3 or imperfection\$3 or manufactur\$3)	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S160	101	S159 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S161	8	((calculat\$3 or determin\$3) with (disc or disk or medium)) with (capacity or space)).ti.	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S162	34334	(disc disk medium DVD CD) near2 (capacity)	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S163	2249	S162 with (calculat\$3 determin\$5 or detect\$3)	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S164	432	S163 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14
S165	175	S164 and (tilt wobble eccentricity (read adj2 rate))	US-PGPUB; USPAT	OR	ON	2008/05/06 20:14

S166	466	(369/53.19).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S167	1215	(369/44.32).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S168	77	(369/53.13).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S169	426	(369/53.15).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S170	457	(369/47.14).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S171	2113	S166 S167 S168 S169 S170	US-PGPUB; USPAT	OR	ON	2008/05/06 20:15
S172	466	(369/53.19).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S173	1215	(369/44.32).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S174	77	(369/53.13).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S175	426	(369/53.15).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S176	457	(369/47.14).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:15
S177	2113	S172 S173 S174 S175 S176	US-PGPUB; USPAT	OR	ON	2008/05/06 20:15
S178	2	((((manufactur\$3 defect\$3 imperfection\$3 scratch wobble tilt (rate near2 prepits) (eccentricity or run-out) near2 error) with ((disc or disk or medium) near3 (capacity or storage or space))) same (((limit\$3 or inhibit \$3 or stop\$4 or abort\$4) near3 (write\$3 or record\$3 or stor\$3)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/06 20:15
S179	466	(369/53.19).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:16
S180	1215	(369/44.32).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:16
S181	77	(369/53.13).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:16
S182	426	(369/53.15).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:16
S183	457	(369/47.14).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/05/06 20:16
S184	2113	S179 S180 S181 S182 S183	US-PGPUB; USPAT	OR	ON	2008/05/06 20:16

S185	40	S184 and S157	US-PGPUB; USPAT	OR	ON	2008/05/06 20:16
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